

FORM PTO-1449  
(Rev. 7-80)

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.:  
TESSERA 3.0-030 CIP V DIV  
CONT

Sheet 1 of 5

Serial No.:  
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LIST OF PRIOR ART CITED BY APPLICANT

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Applicant:  
DiStefano, et al.

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1-821 U.S. PTO  
09/863927

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U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIALS |    | DOCUMENT NUMBER | DATE     | NAME             | CLASS | SUBCLASS | FILING DATE IF<br>APPROPRIATE |
|-----------------------|----|-----------------|----------|------------------|-------|----------|-------------------------------|
| ML                    | AA | 5,528,083       | 6/18/96  | Malladi et al    |       |          |                               |
|                       | AB | 4,142,288       | 3/6/79   | Flammer et al    |       |          |                               |
|                       | AC | 4,326,663       | 4/27/82  | Oettel           |       |          |                               |
|                       | AD | 4,520,562       | 6/4/85   | Sade et al       |       |          |                               |
|                       | AE | 4,661,192       | 4/28/87  | McShaen          |       |          |                               |
|                       | AF | 4,667,219       | 5/19/87  | Lee et al        |       |          |                               |
|                       | AG | 4,751,199       | 6/14/88  | Phy              |       |          |                               |
|                       | AH | 4,893,172       | 1/9/90   | Matsummoto et al |       |          |                               |
|                       | AI | 4,955,523       | 9/11/90  | Calomagno et al  |       |          |                               |
|                       | AJ | 5,049,085       | 9/17/91  | Reylek et al     |       |          |                               |
| ML                    | AK | 5,057,460       | 10/15/91 | Rose             |       |          |                               |

FOREIGN PATENT DOCUMENTS

|    |    | DOCUMENT NUMBER | DATE | COUNTRY        | CLASS | SUBCLASS | TRANSLATION |    |
|----|----|-----------------|------|----------------|-------|----------|-------------|----|
|    |    |                 |      |                |       |          | YES         | NO |
| ML | AL | 2142568A        |      | United Kingdom |       |          |             |    |
|    | AM | 2151529A        |      | United Kingdom |       |          |             |    |
|    | AN | 0072673A2       |      | Europe         |       |          |             |    |
|    | AO | 6191939         |      | Japan          |       |          |             |    |
| ML | AP | 3-108734 **     |      | Japan          |       |          |             | X  |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|                                                                                     |    |                 |                                                                                                                                                    |
|-------------------------------------------------------------------------------------|----|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| ML                                                                                  | AR |                 | "Method of Testing Chips and Joining Chips to Substrates", Research Disclosure, February 1991, Number 322, Kenneth Mason Publication Ltd., England |
|                                                                                     |    |                 | IBM Technical Disclosure Bulletin, Vol. 36, No. 07, July 1993                                                                                      |
|                                                                                     | AS |                 |                                                                                                                                                    |
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|-----------------------|----|-----------------|----------|-----------------|-------|----------|-------------------------------|
| mc                    | AA | 4,067,04        | 1/10/78  | Tracy           |       |          |                               |
|                       | AB | 3,811,186       | 5/21/74  | Lamerd et al    |       |          |                               |
|                       | AC | 4,447,857       | 5/8/84   | Marks et al     |       |          |                               |
|                       | AD | 4,954,877       | 9/4/90   | Fox et al       |       |          |                               |
|                       | AE | 3,795,037       | 3/5/74   | Luttmer         |       |          |                               |
|                       | AF | 4,949,158       | 8/14/90  | Ueda            |       |          |                               |
|                       | AG | 4,954,877       | 9/4/90   | Nakanishi et al |       |          |                               |
|                       | AH | 3,373,481       | 3/19/68  | Lins et al      |       |          |                               |
|                       | AI | 5,197,892       | 3/30/93  | Yoshizawa et al |       |          |                               |
|                       | AJ | 4,926,241       | 5/15/90  | Carey           |       |          |                               |
| ML                    | AK | 4,793,814       | 12/27/88 | Zifcak et al    |       |          |                               |

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|----|----|-----------------|-------|---------|-------|----------|-------------|----|
|    |    |                 |       |         |       |          | YES         | NO |
| mc | AL | I-155633 **     |       | Japan   |       |          | X           |    |
| ML | AM | WO 96/02068 **  | 01/96 | WIPO    |       |          |             |    |
|    | AN |                 |       |         |       |          |             |    |
|    | AO |                 |       |         |       |          |             |    |
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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|-----------------------|----|-----------------|----------|-----------------|-------|----------|-------------------------------|
| mc                    | AA | 5,067,007       | 11/19/91 | Kanji, et al    |       |          |                               |
|                       | AB | 5,166,099       | 11/24/92 | Ueda et al      |       |          |                               |
|                       | AC | 5,254,811       | 11/19/93 | Ludden, et al   |       |          |                               |
|                       | AD | 5,286,680       | 2/15/94  | Cain            |       |          |                               |
|                       | AE | 5,346,861       | 9/13/94  | Khandros, et al |       |          |                               |
|                       | AF | 3,952,404       | 4/27/76  | Matunami        |       |          |                               |
|                       | AG | 5,086,337       | 2/4/92   | Noro et al      |       |          |                               |
|                       | AH | 5,192,716       | 3/9/93   | Jacobs          |       |          |                               |
|                       | AI | 5,055,907       | 10/8/91  | Jacobs          |       |          |                               |
|                       | AJ | 4,812,191       | 3/14/89  | Ho et al        |       |          |                               |
| mc                    | AK | 4,721,995       | 1/26/88  | Tanizawa        |       |          |                               |

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|  | AL |                 |      |         |       |          |             |    |
|  | AM |                 |      |         |       |          |             |    |
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|-----------------------|----|-----------------|----------|----------------|-------|----------|-------------------------------|
| mc                    | AA | 5,152,695       | 10/6/92  | Grabbe et al   |       |          |                               |
|                       | AB | 5,173,055       | 12/22/92 | Grabbe         |       |          |                               |
|                       | AC | 5,047,830       | 9/10/91  | Grabbe         |       |          |                               |
|                       | AD | 5,131,852       | 7/21/92  | Grabbe et al   |       |          |                               |
|                       | AE | 5,230,931       | 7/27/93  | Yamazaki et al |       |          |                               |
|                       | AF | 4,629,957       | 12/16/86 | Walteis et al  |       |          |                               |
|                       | AG | 4,785,137       | 11/15/88 | Samuels        |       |          |                               |
|                       | AH | 5,210,939       | 5/18/93  | Mallik et al   |       |          |                               |
| mc                    | AI | 3,825,353       | 07/23/74 | Loro           |       |          |                               |
|                       | AJ |                 |          |                |       |          |                               |
|                       | AK |                 |          |                |       |          |                               |

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|  | AM |                 |      |         |       |          |             |    |
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|  | AO |                 |      |         |       |          |             |    |
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|-----------------------|----|-----------------|---------|-------------------|-------|----------|-------------------------------|
| MC                    | AA | Re. 35,119      | 12/95   | Blonder et al.    |       |          |                               |
|                       | AB | 4,937,653       | 06/90   | Blonder et al.    |       |          |                               |
|                       | AC | 5,455,390       | 10/95   | DiStefano et al.  |       |          |                               |
|                       | AD | 3,842,189       | 10/74   | Southgate         |       |          |                               |
|                       | AE | 5,148,265       | 09/92   | Khandros et al.   |       |          |                               |
|                       | AF | 5,148,266       | 09/92   | Khandros et al.   |       |          |                               |
|                       | AG | 5,518,964       | 05/96   | DiStefano et al.  |       |          |                               |
|                       | AH | 5,663,106       | 9/2/97  | Karavakis, et al. |       |          |                               |
|                       | AI | 5,776,796       | 7/7/98  | DiStefano, et al. |       |          |                               |
| MC                    | AJ | 5,929,517       | 7/27/99 | DiStefano, et al. |       |          |                               |
|                       | AK |                 |         |                   |       |          |                               |

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|----|----|-----------------|-------|---------|-------|----------|-------------|----|
|    |    |                 |       |         |       |          | YES         | NO |
| MC | AL | EP 0 352 020 A3 | 01/90 | Europe  |       |          |             |    |
| MC | AM | EP 0 433 997 A2 | 06/91 | Europe  |       |          |             |    |
| MC | AN | WO 94/03036     | 02/94 | WIPO    |       |          |             |    |
|    | AO |                 |       |         |       |          |             |    |
|    | AP |                 |       |         |       |          |             |    |

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|          |                 |  |                                                                                                                      |
|----------|-----------------|--|----------------------------------------------------------------------------------------------------------------------|
| MC       | AR              |  | Research Disclosure No. 322 (February 1991) "Method of Testing Chips and Joining Chips to Substrates," XP 000169195. |
|          | AS              |  |                                                                                                                      |
|          | AT              |  |                                                                                                                      |
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